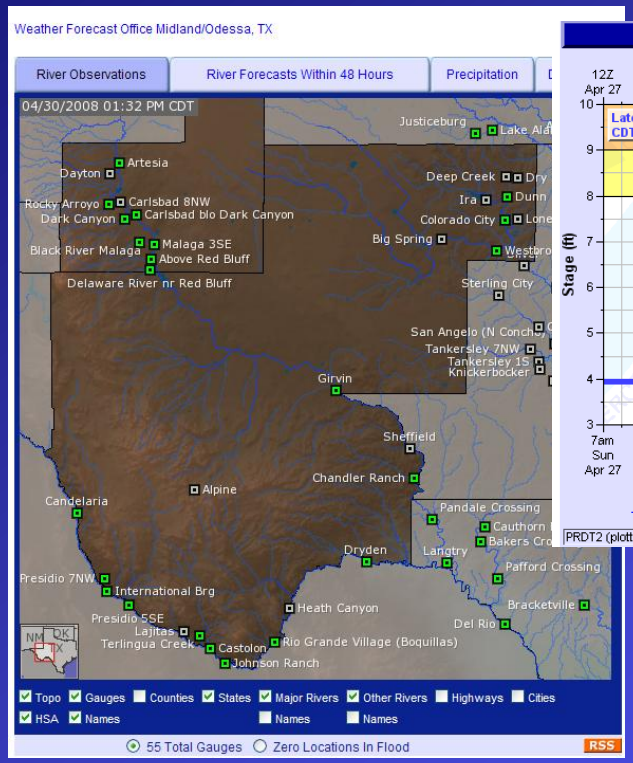
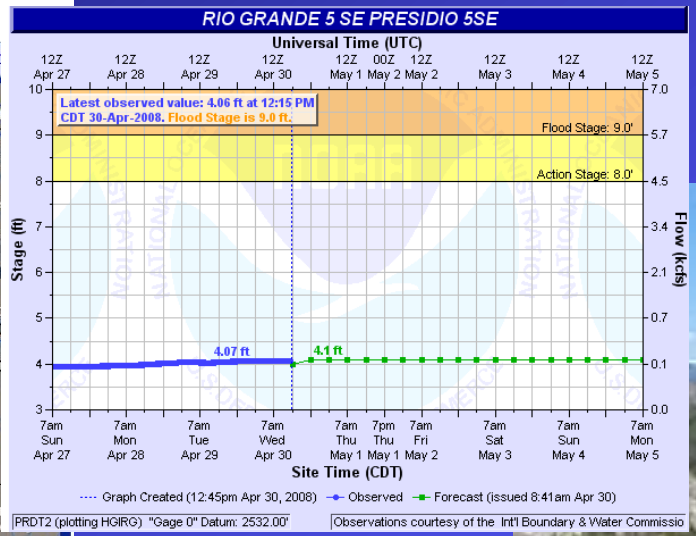
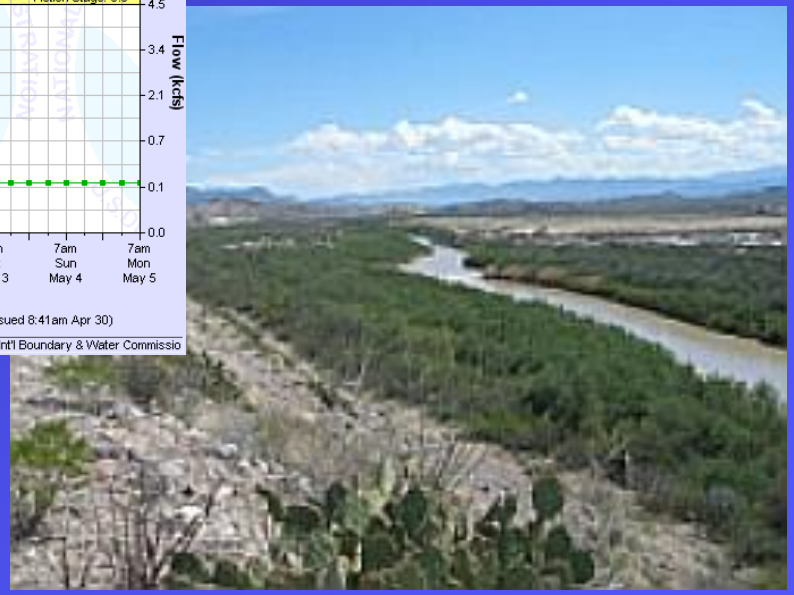
AHPS RSS Feeds

AKA – EMAIL NOTIFICATION & MORE







How would you like it if someone made your life just a little bit easier? What if:

- The NWS severe weather watch and warning information arrived in your email automatically?
- The latest river stage observations, forecasts, and alerts for the Rio Grande River Basin arrived in your inbox as you sipped your morning coffee?
- Or the current temperature and weather conditions were delivered to you – just like the newspaper?

What is RSS?

- RSS stands for Really Simple Syndication.
- Easy way to get important information.
- Information delivered “pushed” directly to a “feed”.
- Does not need to clutter your email inbox.
- Does not require you to browse websites to get information.
- Written in the Internet coding language known as XML (eXtensible Markup Language)

Uses of National Weather Service RSS Feeds

RSS provides an automatic feed of:

- River levels, forecasts and alert stages.
- Weather & flood warnings.
- Weather & flood watches.
- Hurricane information.
- Weather observations.
- & more.

http://www.weather.gov/rss/

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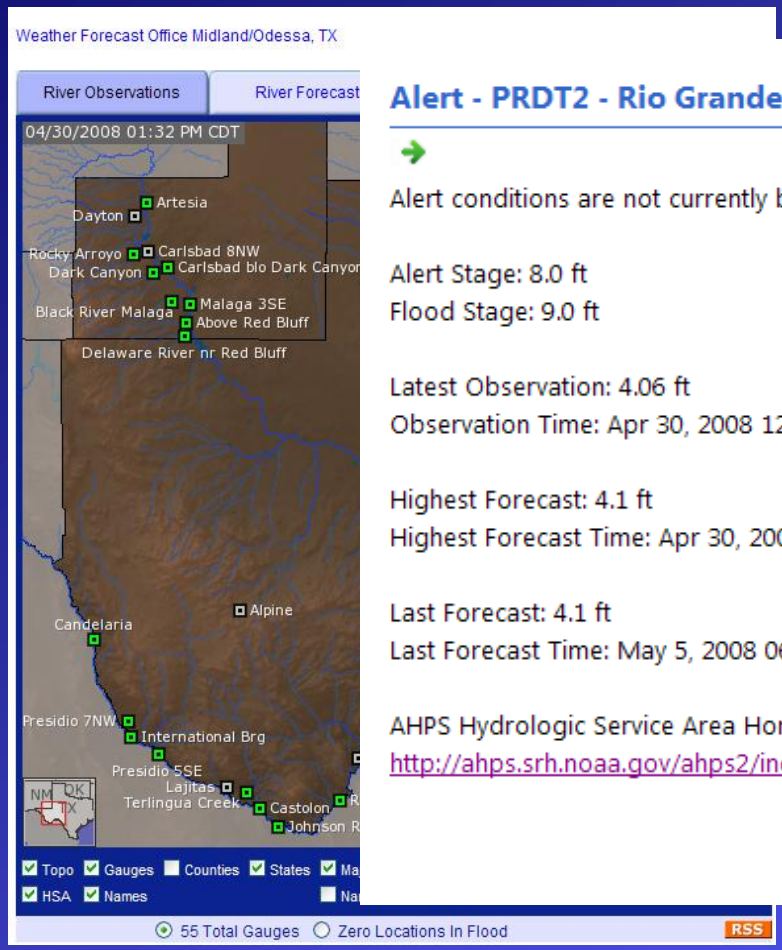
And eight additional pages of the same…



Alert - PRDT2 - Rio Grande near Rio Grande 5SE Presidio (Texas)

Alert conditions are not currently being met.

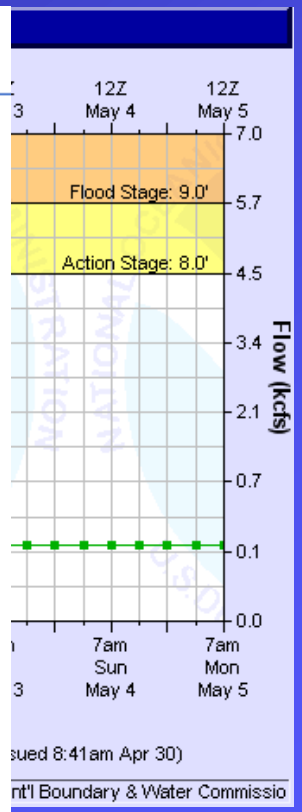
Alert Stage: 8.0 ft
Flood Stage: 9.0 ft

Latest Observation: 4.06 ft
Observation Time: Apr 30, 2008 12:15 PM CST

Highest Forecast: 4.1 ft
Highest Forecast Time: Apr 30, 2008 06:00 PM CST

Last Forecast: 4.1 ft
Last Forecast Time: May 5, 2008 06:00 AM CST

AHPS Hydrologic Service Area Homepage:
http://ahps.srh.noaa.gov/ahps2/index.php?wfo=maf



How Do I Get Started??

1) Identify your RSS Reader of choice (may be as simple as your email account)

The "Short" List of RSS Readers

Email Applications
- Thunderbird
- Microsoft Outlook

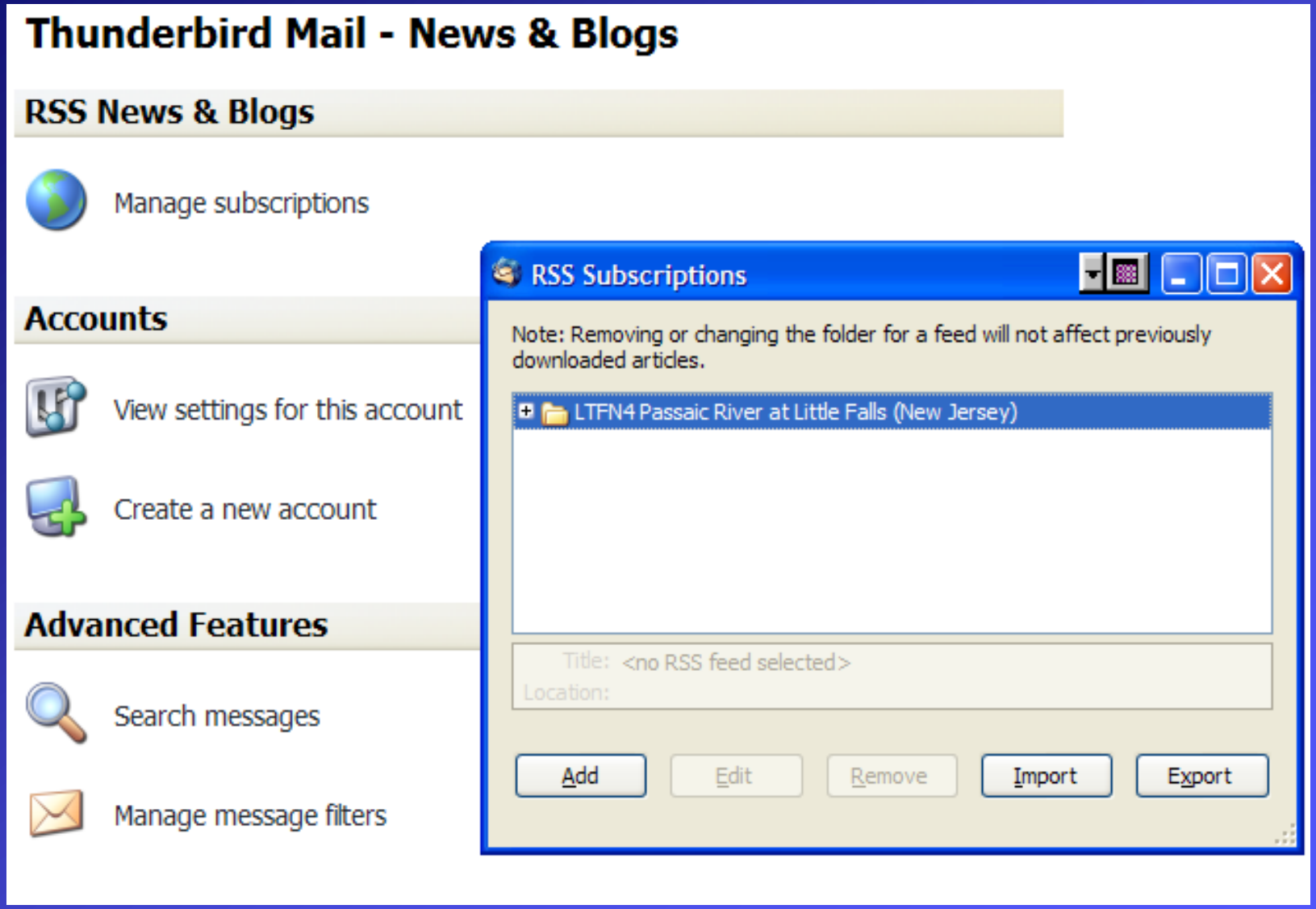
Browsers
- Internet Explorer 7
- Firefox + Sage
- Opera

Subscribe to a service
- Squeet
- Feedblitz

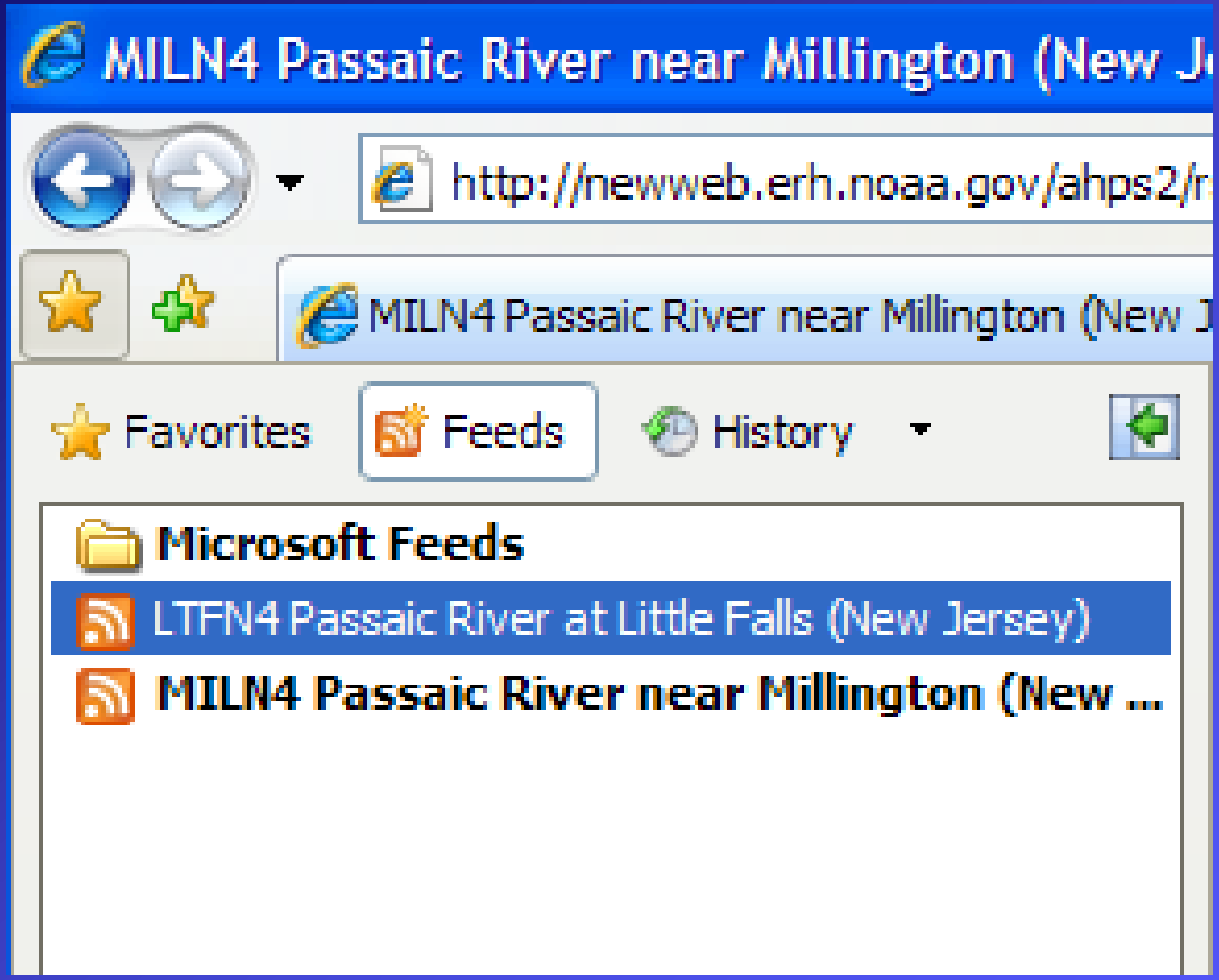
Or search for "RSS Readers" in your favorite Internet search engine

Mozilla Thunderbird

http://kb.mozillazine.org/RSS_basics_(Thunderbird)



Internet Explorer



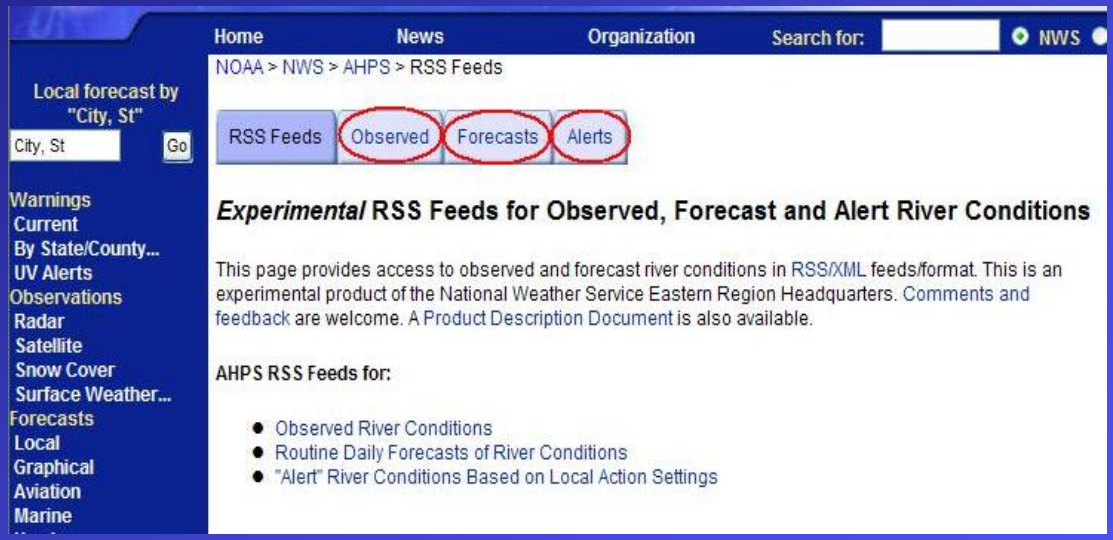
Find Your Favorite National Weather Service RSS "feeds"

- Main NWS RSS feed page at: http://www.weather.gov/rss
- Main AHPS RSS feed page: http://www.weather.gov/ahps/rss
- Or AHPS RSS feeds can be found under the hydrograph at any river location of interest.

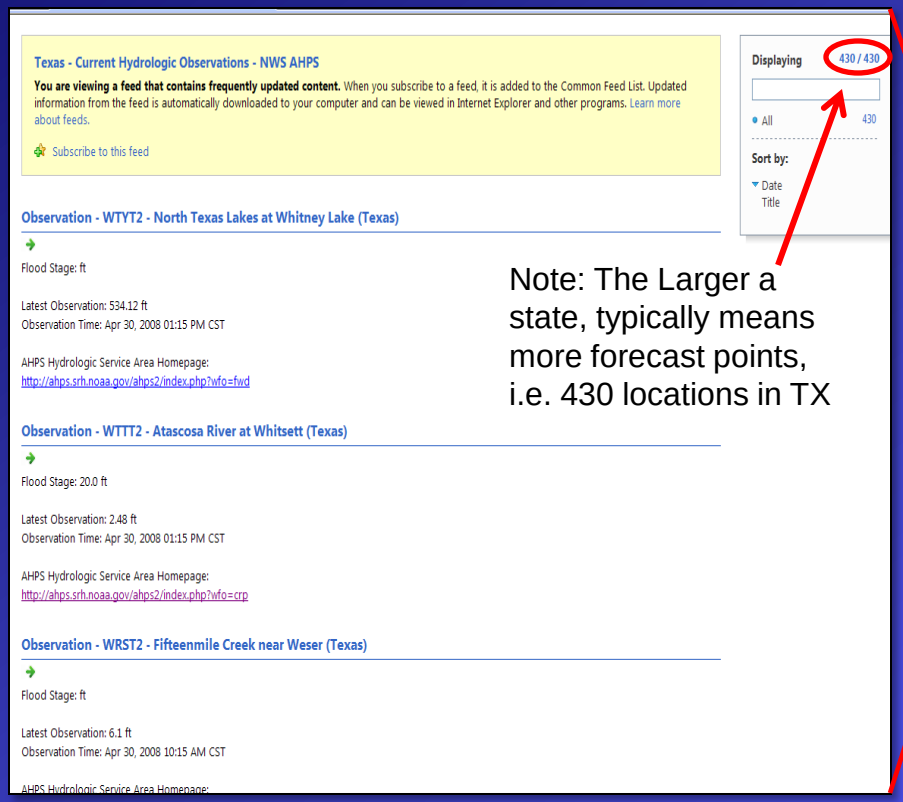
2) Choose the Data you would like to receive

Data Options for AHPS RSS Feeds

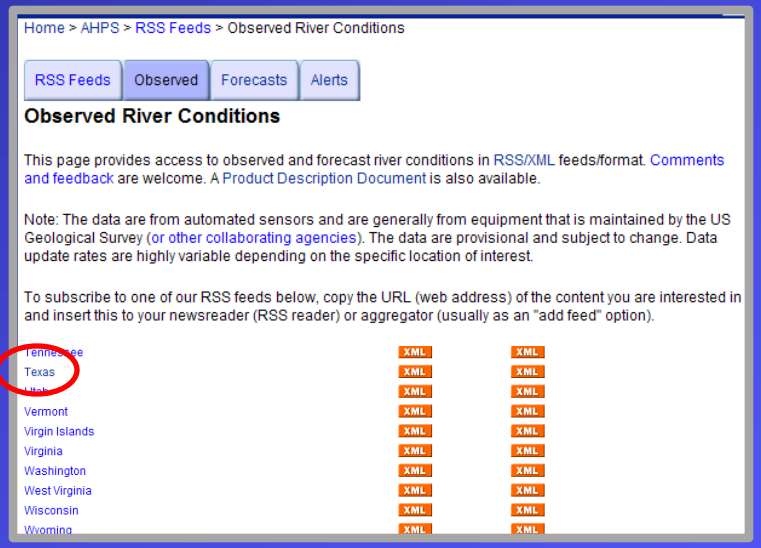
- Observed Data
- Forecast Data
- Alert data (defined critical stages)



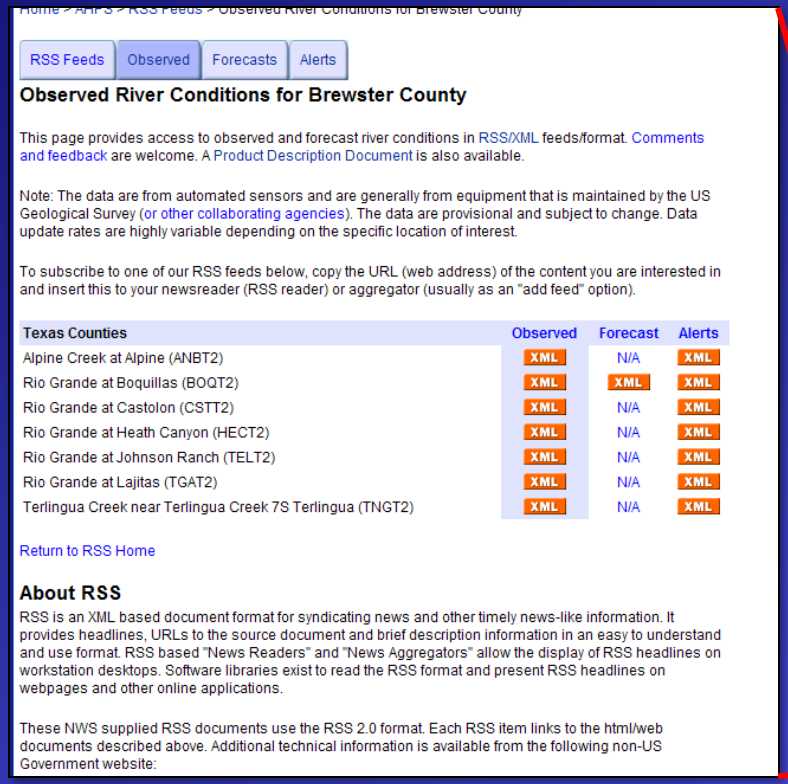
3) Choose the Location – you can subscribe by State



Note: The Larger a state, typically means more forecast points, i.e. 430 locations in TX



3) Choose the Location – Subscribe by County



RSS Feeds | Observed | Forecasts | Alerts

Observed River Conditions for Brewster County

This page provides access to observed and forecast river conditions in RSS/XML feeds/format. Comments and feedback are welcome. A Product Description Document is also available.

Note: The data are from automated sensors and are generally from equipment that is maintained by the US Geological Survey (or other collaborating agencies). The data are provisional and subject to change. Data update rates are highly variable depending on the specific location of interest.

To subscribe to one of our RSS feeds below, copy the URL (web address) of the content you are interested in and insert this to your newsreader (RSS reader) or aggregator (usually as an "add feed" option).

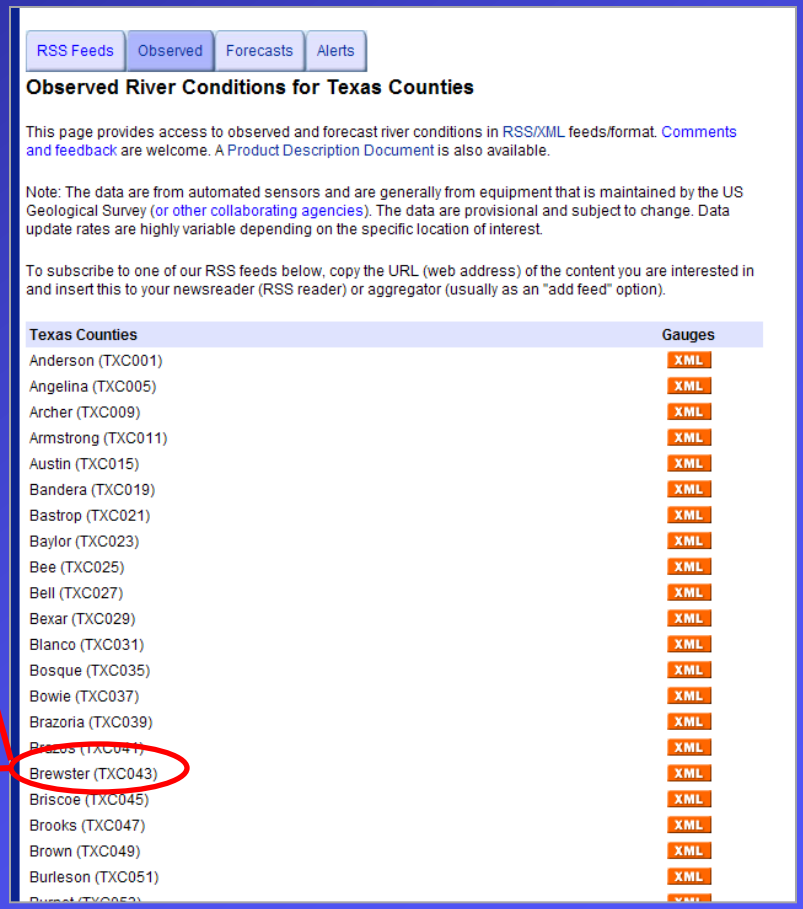
Texas Counties	Observed	Forecast	Alerts
Alpine Creek at Alpine (ANBT2)	XML	N/A	XML
Rio Grande at Boquillas (BOQT2)	XML	XML	XML
Rio Grande at Castolon (CSTT2)	XML	N/A	XML
Rio Grande at Heath Canyon (HECT2)	XML	N/A	XML
Rio Grande at Johnson Ranch (TELT2)	XML	N/A	XML
Rio Grande at Lajitas (TGAT2)	XML	N/A	XML
Terlingua Creek near Terlingua Creek 7S Terlingua (TNGT2)	XML	N/A	XML

Return to RSS Home

About RSS

RSS is an XML based document format for syndicating news and other timely news-like information. It provides headlines, URLs to the source document and brief description information in an easy to understand and use format. RSS based "News Readers" and "News Aggregators" allow the display of RSS headlines on workstation desktops. Software libraries exist to read the RSS format and present RSS headlines on webpages and other online applications.

These NWS supplied RSS documents use the RSS 2.0 format. Each RSS item links to the html/web documents described above. Additional technical information is available from the following non-US Government website:



RSS Feeds | Observed | Forecasts | Alerts

Observed River Conditions for Texas Counties

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Texas Counties	Gauges
Anderson (TXC001)	XML
Angelina (TXC005)	XML
Archer (TXC009)	XML
Armstrong (TXC011)	XML
Austin (TXC015)	XML
Bandera (TXC019)	XML
Bastrop (TXC021)	XML
Baylor (TXC023)	XML
Bee (TXC025)	XML
Bell (TXC027)	XML
Bexar (TXC029)	XML
Blanco (TXC031)	XML
Bosque (TXC035)	XML
Bowie (TXC037)	XML
Brazoria (TXC039)	XML
Brazos (TXC041)	XML
Brewster (TXC043)	XML
Briscoe (TXC045)	XML
Brooks (TXC047)	XML
Brown (TXC049)	XML
Burleson (TXC051)	XML

3) Choose the Location – subscribe by Individual Forecast Location

RSS Feeds | Observed | Forecasts | Alerts

Rio Grande at Candelaria (CDET2)

This page provides access to observed and forecast river conditions in RSS/XML feeds/format. Comments and feedback are welcome. A Product Description Document is also available.

To subscribe to one of our RSS feeds below, copy the URL (web address) of the content you are interested in and insert this to your newsreader (RSS reader) or aggregator (usually as an "add feed" option).

Rio Grande at Candelaria (CDET2)	Observed	Forecast	Alerts
Rio Grande at Candelaria (CDET2)	XML	N/A	XML

Return to RSS Home

About RSS

RSS is an XML based document format for syndicating news and other timely news-like information. It provides headlines, URLs to the source document and brief description information in an easy to understand and use format. RSS based "News Readers" and "News Aggregators" allow the display of RSS headlines on workstation desktops. Software libraries exist to read the RSS format and present RSS headlines on webpages and other online applications.

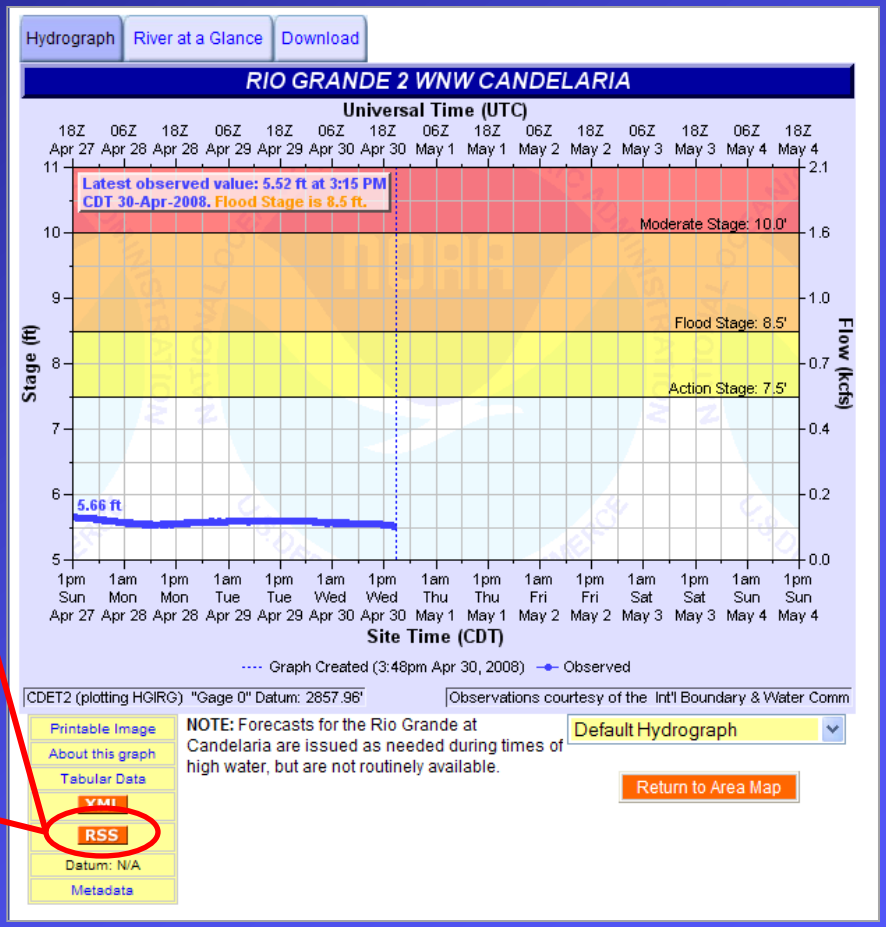
These NWS supplied RSS documents use the RSS 2.0 format. Each RSS item links to the html/web documents described above. Additional technical information is available from the following non-US Government website:

RSS 2.0 Specification

A non-US Government maintained list of RSS readers, aggregators and related software:

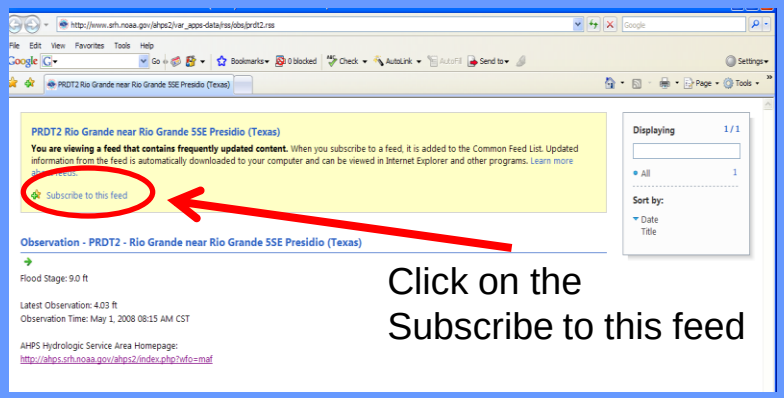
RSS Software

Comments on this service will be accepted until July 31, 2007. Your feedback will help determine the future of this product.



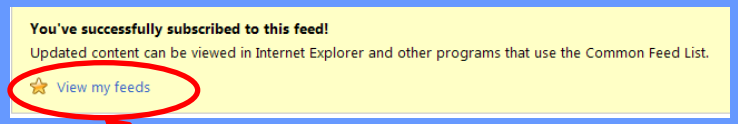
4) Completing the process

Example if Using IE.



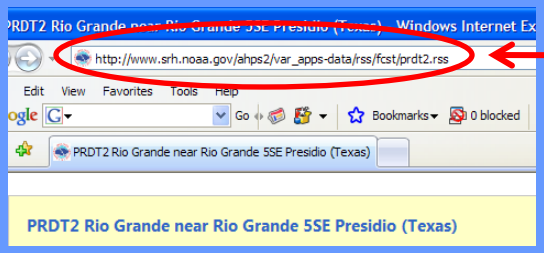
Click on the Subscribe to this feed

Pop Up that indicates Success!



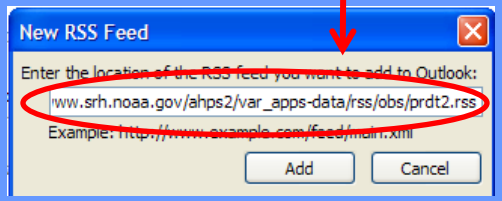
Link that will direct you to all of your RSS feeds for IE.

Example with MS Outlook (mail browser)



Copy the RSS feed URL

Select a new feed and into your RSS Feed Email .

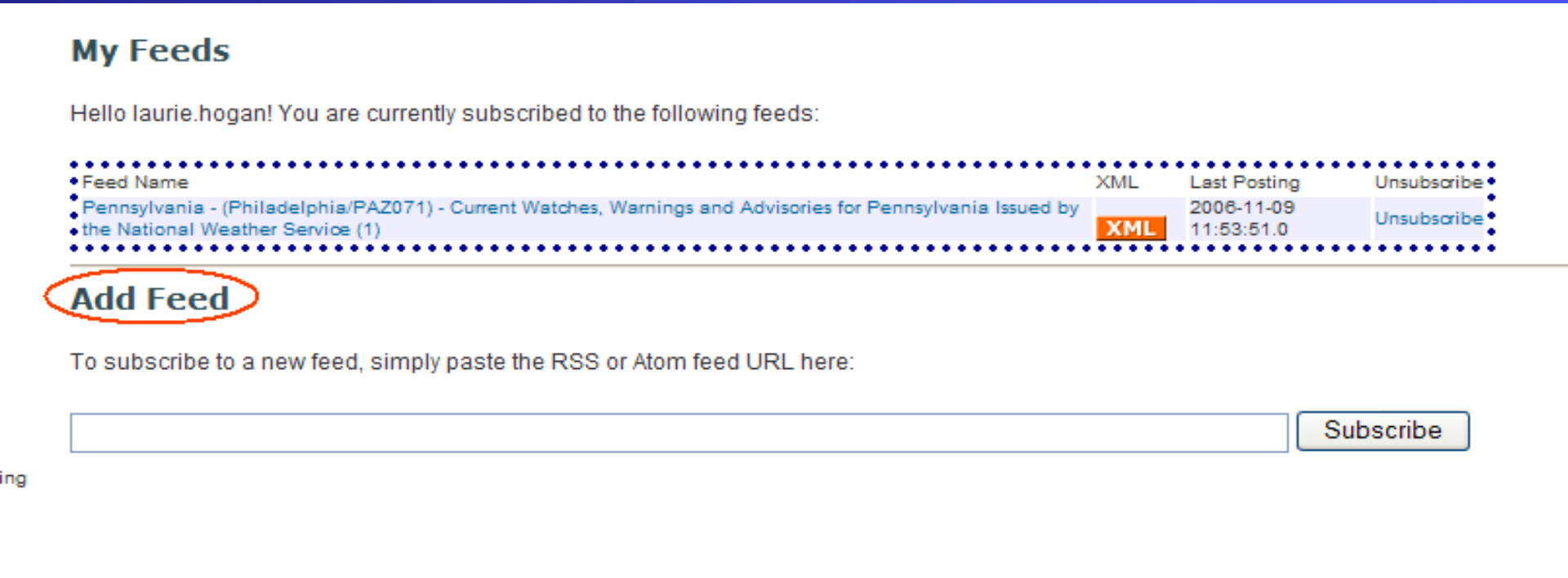


Click link for the full information.

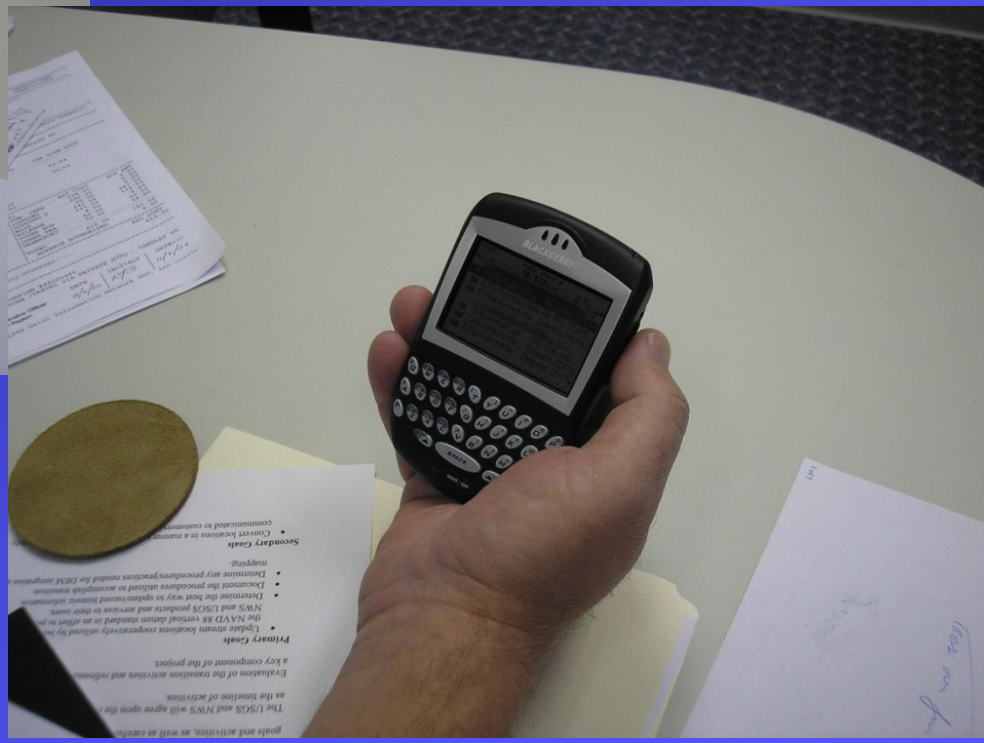
There are many options for how to receive RSS feeds!!!

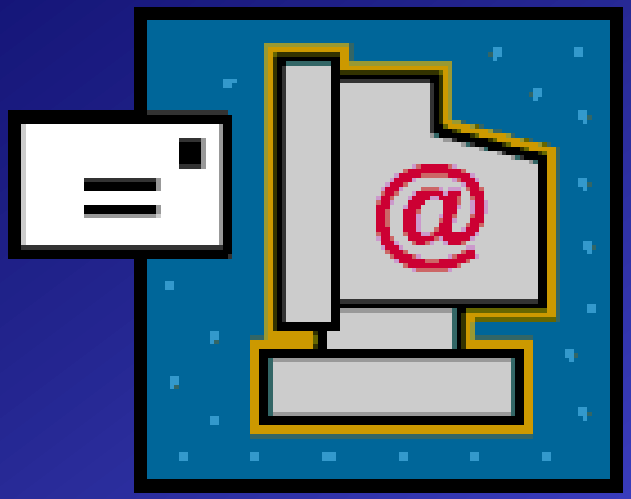
Subscription process uses email address(es) for the notification:

- work email joe.atwork@lovemyjob.gov
- personal email jane.home@lovemykidsandthedog.com
- cell phone 6315555555@mycellphoneiswonderful.com



For the really ambitious!!





Any questions:

Diane.Cooper@noaa.gov